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NEW THERMAL POWER PLANT TO BEGIN OPERATION IN YUGOSLAVIA;
DAM CONSTRUCTION MECHANIZED

PLANT TO OPEN 8 MONTHS AHEAD OF SCHEDULE -- Zagreb, Borba, 26 Apr 52

Tuzla, 25 April -- The first generator unit of the Banovici Thermal Power Plant is to begin operation on 25 April, 8 months ahead of schedule. On 1 May, high-tension transmission lines, which have already been set up, will connect the plant with the central Bosnian electric system. By the end of 1952, this 2,500-kilowatt unit will be producing almost 12 million kilowatt-hours of power.

A generator unit, with a capacity of 5,000 kilowatts, is to be added by the end of 1952, increasing the capacity of the Banovici plant to 7,500 kilowatts and a production of about 50 million kilowatt-hours of electric power yearly.

The plans for the power plant and electrical equipment were worked out by Engineers Friser Mibajlovic and Milan Milovanovic. The "Tehnika" Construction Enterprise (Gradjevinsko Poduzece "Tehnika") in Lukavac did the construction work on the plant. Installation of boilers and other equipment was accomplished by the "Termoelektro" Enterprise for the Construction of Thermal and Hydroelectric Power Plants and Transformer Stations (Poduzece za Izgradnju Termo i Hidrocentrala i Trafostanice "Termoelektro") in Belgrade.

"Termoelektro" also installed the equipment for the Madjari Thermal Power Plant in Macedonia, the Kostalac Thermal Power Plant, and others.

Most of the equipment for the plant was manufactured by Yugoslav factories. The "Rade Koncar" Factory (Tvornica "Rade Koncar") in Zagreb constructed six transformers, two of which weigh about 17 tons each, the first of this type and weight to be constructed in Yugoslavia. The "Rade Koncar" Factory also constructed switchboards and a considerable number of electric motors. The "Prvomajska" Factory (Tvornica "Prvomajska") constructed 20 step-down transformers, and the "Termoelektro" Enterprise, assisted by the "Ivo Lola Ribar" Heavy Machine Tool Factory (Tvornica Teskih Alatinh Masina "Ivo Lola Ribar") constructed boiler grates and operating equipment for them.

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The Banovici Thermal Power Plant is very important for the development of the Tuzla basin. It is to furnish about 2,000 kilowatts of electric power to the Coke Plant in Lukavac (Koksara u Lukavcu) when it is put in operation in the latter half of 1952. In addition, it is to furnish about 2,000 kilowatts of power to the salt mine in Tuznja near Tuzla. The Banovici plant is to contribute to the more rapid expansion of the Kreka mine in Banovici, which has been using 350- to 500-kilowatt dragline power shovels. The Banovici Plant will free for use elsewhere about 3,000 kilowatts of power, which was formerly supplied to the central Bosnian system. A high-tension transmission line is to be built from Banovici to Lukavac for this purpose.

MECHANIZATION FACILITATES DAM CONSTRUCTION -- Zagreb, Borba, 7 May 52

The largest and most modern concrete plant in Yugoslavia was recently put in operation for the concreting of the dam at the Zvornik Hydroelectric Power Plant. Formerly, the greatest daily capacity of concrete-making equipment at the dam was about 500 cubic meters of concrete, while the average was 300 cubic meters.

Two cable-suspension cranes, with a capacity of 10 and 6 tons respectively, operating over a distance of more than 400 meters, have been installed at the construction site of the dam. Special dragline shovels for excavating gravel and sand have been installed in a small gravel pit in Divci. Washing and separation of gravel are mechanized. A 1,000-meter-long cableway carries sand and gravel across the Drina River from the separator installation to storehouses which can accommodate up to 10,000 cubic meters of gravel. From here, it is transported to special bunkers in the concrete plant.

The plant has four large mixers, which were produced by the "Djuro Djakovic" Factory (Tvornica "Djuro Djakovic") in Slavonski Brod. Each of these mixers can mix a cubic meter of concrete in 2 minutes. When necessary, up to 1,000 cubic meters of concrete can be poured in a few days.

From 250 to 300 workers, working in three shifts, are to be employed here.

COMPLETE NEW HIGH-TENSION TRANSMISSION LINE -- Zagreb, Borba, 23 Apr 52

On 23 April 1952, the first high-tension transmission line in the Sandzak valley, joining Priboj, Prijepolje, and Seljasnica, was erected ahead of schedule by the "Elektro-Srbija" group (Ekipa "Elektro-Srbija"). About 260 high-tension transmission line towers have been erected over a distance of more than 30 kilometers. The transmission line will furnish electric power to the newly constructed factories and workshops in Priboj and Prijepolje.

A transformer station under construction is to be completed simultaneously with the Seljasnica Hydroelectric Power Plant, which is nearing completion.

The "Elektro-Srbija" group is completing preparations for the construction of a new 30-kilometer high-tension transmission line between Seljasnica and Pljevlja.

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